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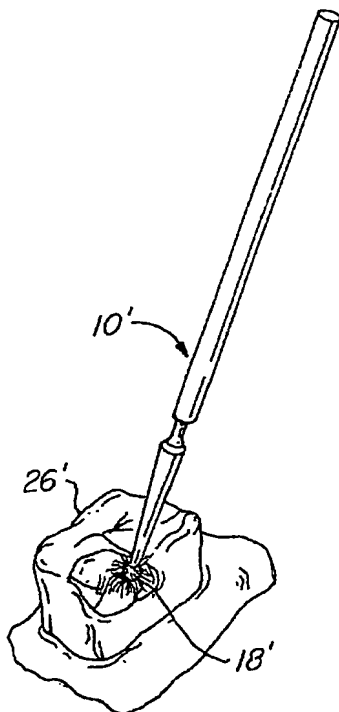
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(54) Title: PRE-DOSED APPLICATOR AND APPLICATOR SYSTEM INCLUDING DISPENSING OF MULTI-PART DENTAL MATERIALS



(57) Abstract: An applicator (10) for applying a material such as a chemical or a medicament. A material to be applied is placed on an absorbent portion (18) of the applicator (10), such as a flocked end, sponge or foam, brush, or other equivalent absorbent substance. After drying, the material is in an inactive stable state on the applicator. When desired, the inactive stable material is activated by water or other solvent. In another embodiment, a package (38) containing an applicator end (46) having a pre-doses dry inactive stable material is combined with a second activating material (48) so that a two-part or multi-component material may be easily dispensed and activated. The package containing the first and second component may be a tray, a capsule, or a tip end syringe. In another embodiment first and second applicators (510A, 510B) each having one dry component are re-activated and applied in sequence to create a reaction and desired material at the site of treatment. The pre-doses single use applicator may be used to apply a variety of materials, such as chemicals or medicaments, to the surface or site desired without complicated and messy mixing or cross-contamination.

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